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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number

10/669,130

Filing Date

September 22, 2003

First Named Inventor

Isaac Shpantzer

Group/Art Unit

2874

Examiner Name

To Be Assigned

Total Number of Pages in This Submission

Attorney Docket Number

39878-0030

ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment / Response
- ☐ Exhibits
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☒ Information Disclosure Statement with PTO-1449
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Small Entity Status Claimed
- ☐ Statement under 3.73(b)

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Status Letter
- ☒ Additional Enclosure(s) (please identify below):

9 references enclosed (12 cited) and Return Receipt Postcard

Remarks

AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT 08-1641 (ATTORNEY DOCKET NO.: 39878-0030) FOR ANY FEES DUE IN CONNECTION WITH THIS PAPER.

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual name

Paul Davis, Reg. No. 29,294, HELLER EHRMAN LLP

Signature

Date

September 8, 2005

Customer Number:

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CERTIFICATE OF FIRST CLASS MAILING

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[Handwritten signature]



Attorney Docket No.: 39878-0030

PATENT APPLICATION

Inventor(s): Isaac Shpantzer, et al.

Application No.: 10/669,130

Filed: September 22, 2003

Title: Coherent Optical Detector and Coherent Communication System and Method

Art Unit: 2874

Examiner: To Be Assigned

UNDER 37 C.F.R. §1.97

Mail Stop: Amendment
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P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy is provided of each foreign patent, each cited pending unpublished U.S. application, and all additional publications other than U.S. patents and U.S. patent application publications. 37 C.F.R. §§1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

- ☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):
- ☐ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
- ☒ (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
- ☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- ☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:
- ☐ a certification as specified in §1.97(e) is provided below; or
- ☐ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:
- A. a certification as specified in §1.97(e) is completed below; and
- B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**
- C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☒ **Fee Authorization.** The Commissioner is hereby authorized to charge any fees or credit any overpayment associated with this communication to Deposit Account No. 08-1641 (Docket No.: 39878-0030).

Respectfully submitted,

HELLER EHRMAN LLP

Dated: September 8, 2005

By: 

Paul Davis, Reg. No.: 29,294

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INFORMATION DISCLOSURE STATEMENT PTO-1449		ATTY. DOCKET NO. 39878-0030		SERIAL NO. 10/669,130			
		APPLICANT: Isaac Shpantzer, et al.					
		FILING DATE: 09/22/2003		GROUP: 2874			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	5,408,327	04/18/1995	Geiler, et al.	356	432		
	6,709,857	03/23/2004	Bachur, Jr.	435	288.7		
	6,038,357	03/14/2000	Pan	385	24		
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	E.A. MCLEAN, "Interferometric Observation of Absorption Induced Index Change Associated with Thermal Blooming", Applied Physics Letters, Volume 13, Number 11, pp.369-371, 1 December 1968						
	FREDERICK R. GRABINER, et al., "Laser Incudeced Time-Dependent Thermal Lensing Studies of Vibrational Relaxation: Translational Cooling in CH ₃ F", Chemical Physics Letters, Volume 17, Number 2, pp.189-194, 15 November 1972						
	LEONID G. KAZOVSKY, "Phase-and Polarization-Diversity Coheretn Optical Techniques", Journal of Lightwave Technology, Volume 7, Number 2, pp.279-292, February 1989						
	N.G. WALKER, et al., "Simultaneous Phase and Amplitude Measurements on Optical Signals Using a Multiport Junction", Electronics Letters, Volume 20, Number 23, pp.981-983, 8 November 1984						
	T.G. HODKINSON, et al., " Demodulation of Optical DPSK Using In-Phase and Quadrature Detection", Electronic Letters, Volume 21, Number 19, pp.867-868, 12 September 1985						
	J.SAULNIER, et al., "Optical Polarization-Diversity Receiver Integrated n Titanium Niobate", IEEE Photonics Technology Letters, Volume 3, Number 10, pp.926-928, October 1991						
	F. GHIRARDI, et al., "InP-Based 10-GHz Bandwidth Polarization Diversity Heterodyne Photoreciever with Electrooptical Adjustability", IEEE Photonics Technology Letters, Volume 6, Number 7, pp.814-816, July 1994						
	D. HOFFMANN, et al., "Integrated Optics Eight-Port 90° Hybrid on LiNbO ₃ ", Journal of Lightwave Technology, Volume 7, Number 5, pp. 794-798, May 1989						
	HARRY J.R. DUTTON, "Understanding Optical Communications", Prentice Hall PTR, Chapter 9, pp. 512-548, 1998						
EXAMINER			DATE CONSIDERED				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant